

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Algebra 1B Pd: \_\_\_\_

## Unit 2 (Ch 7): Post-Test Reflection

**Please answer each question (except for #1) using COMPLETE sentences.**

1. What grade do you think you earned on the test? Write a specific number: \_\_\_\_\_

2. Why do you think you earned that grade? Be honest and specific.

---

---

---

---

---

---

---

---

3. Of solving systems of linear equations by SUBSTITUTION and solving systems of linear equations by ELIMINATION, which is your STRONGER skill? Explain.

---

---

---

---

---

---

---

---

---

---

**Name:** \_\_\_\_\_

## **Mini-Unit: Linear Inequalities and Systems of Linear Inequalities**

We will now begin a mini-unit on Linear Inequalities and Systems of Linear Inequalities. You will be combining your **PRIOR KNOWLEDGE** with **NEW KNOWLEDGE** in order to complete the main goals of the mini-unit:

- You will extend your knowledge about graphing linear equations to graph a linear inequality.
- You will extend your knowledge of inequalities to include graphing boundary lines and overlapping regions of systems of linear inequalities.
- You will demonstrate your knowledge of real world problems by creating your own systems of linear equations word problem.

**1. What are your initial reactions to the goals of the mini-unit? Be specific and write TWO complete sentences.**

---

---

---

---

---

---

**2. In this mini-unit, you will be graphing linear inequalities and will need your prior knowledge of solving inequalities. Practice this by solving the inequalities below and GRAPHING their solutions on a number line.**

a. $2x + 5 > -10$	b. $-3y \leq 12$
c. $-15 \geq 6 + b$	d. $-5c + 6 < 2c + 20$

**3. In chapter this mini-unit, you will be graphing linear inequalities. Activate your prior knowledge of graphing by graphing the equations on the coordinate plane. Be sure to name and extend your lines.**

a. $y = x$	b. $y = -x - 1$	c. $3x - 2y = 12$	d. $y = -4/5x + 1$
------------	-----------------	-------------------	--------------------

